

RECORDABLE/REPRODUCIBLE OPTICAL DISC  
(DVD-RAM/DVD-RW OR DVD-R) 10

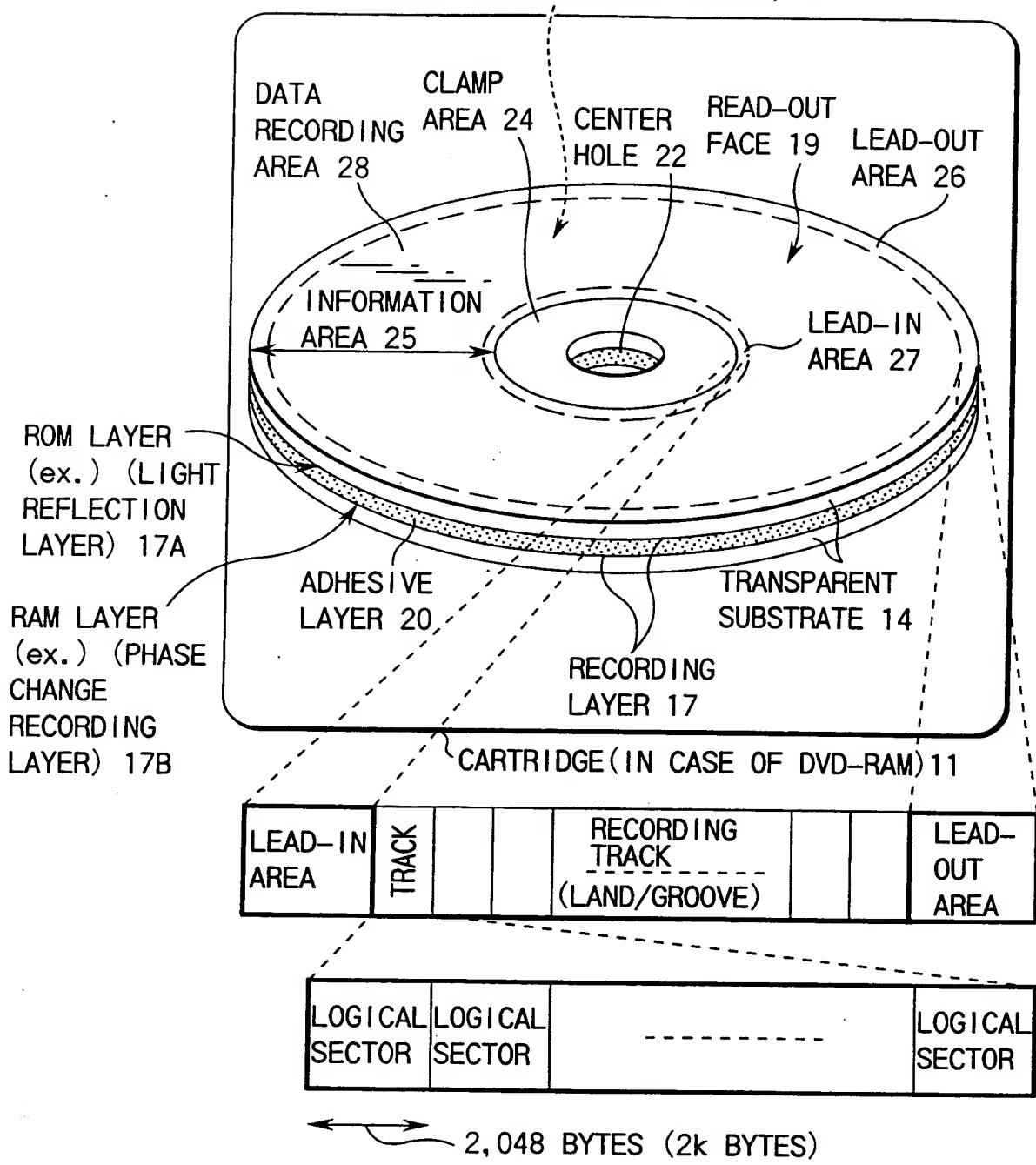


FIG. 1

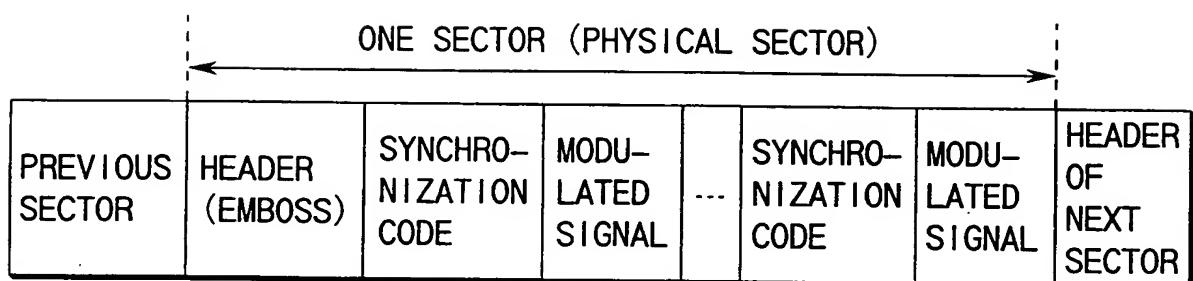


FIG. 2

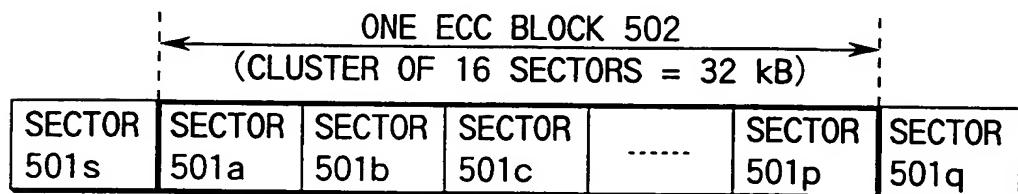


FIG. 3

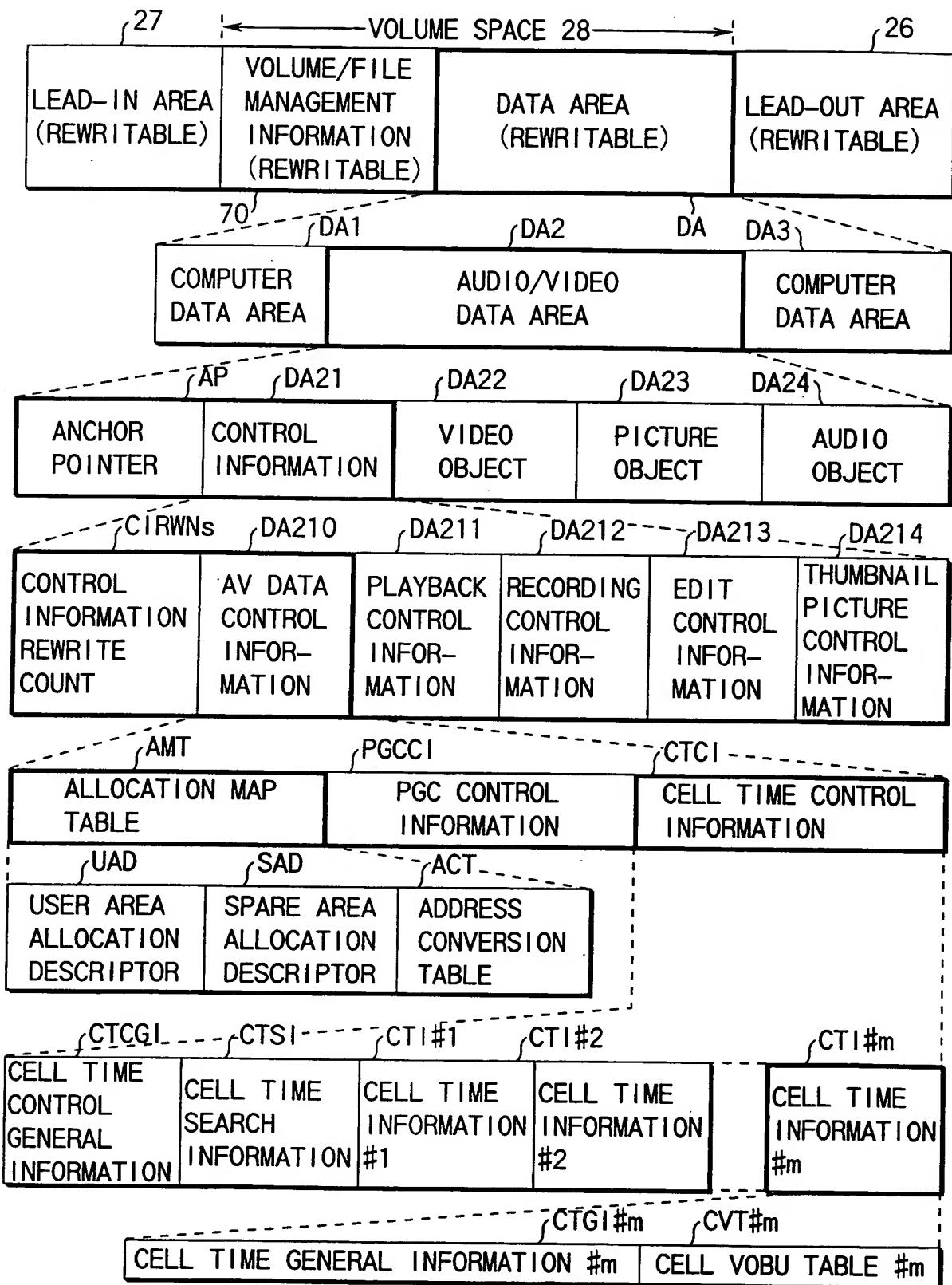


FIG. 4

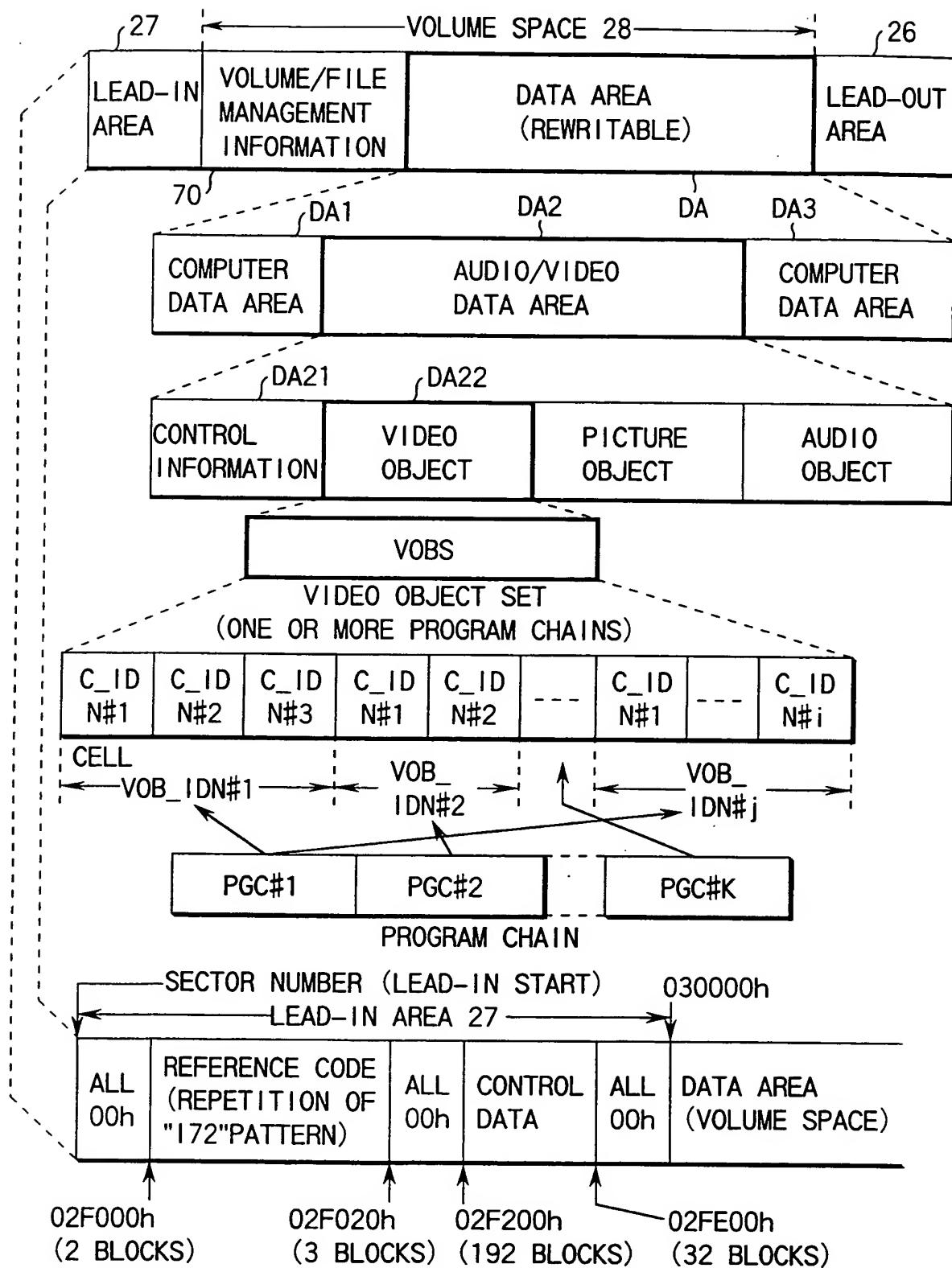


FIG. 5

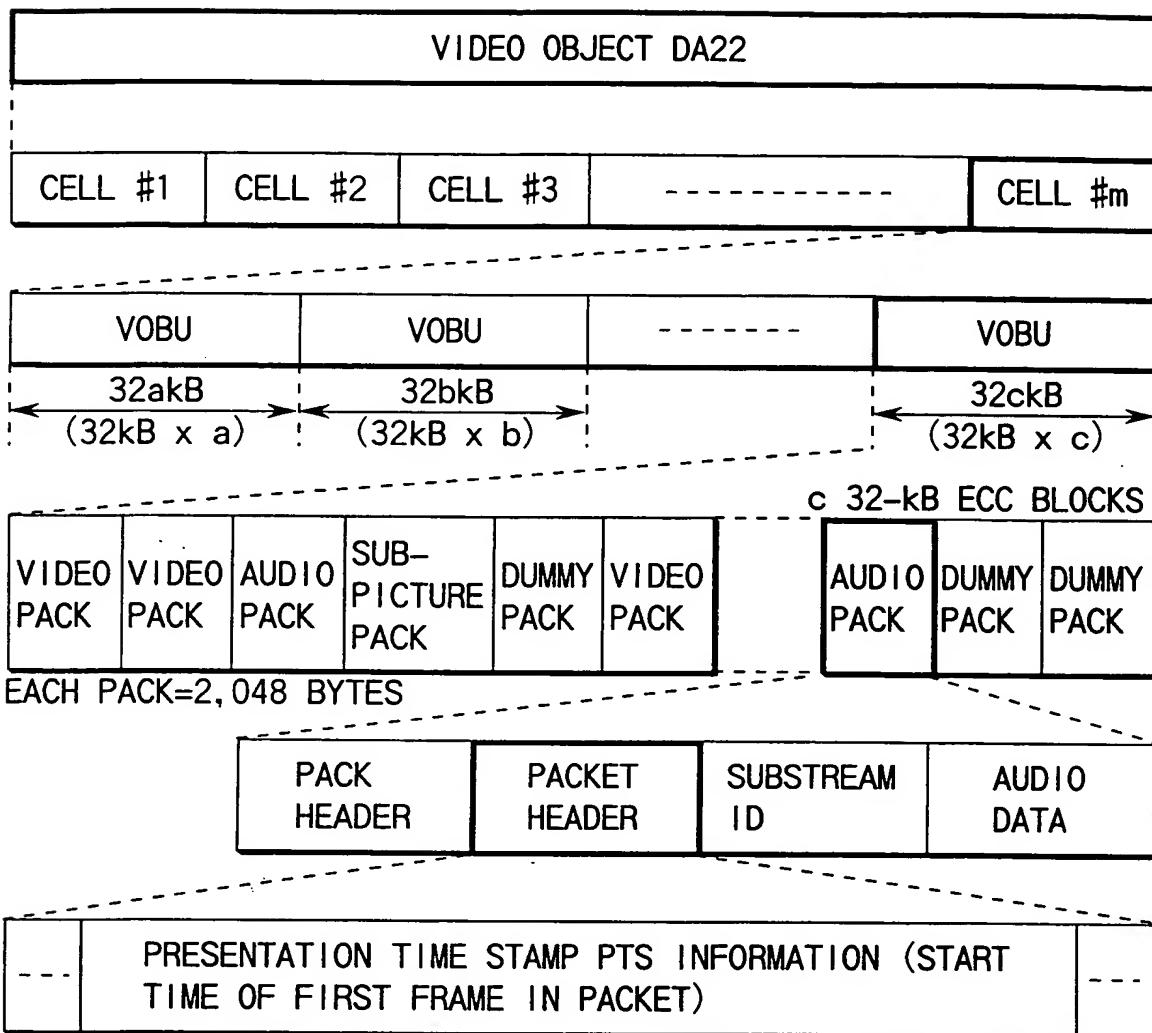


FIG. 6

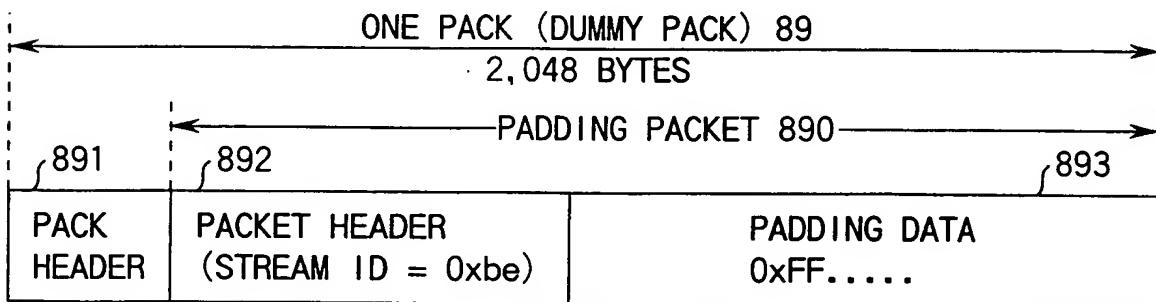


FIG. 7

NUMBER OF PICTURES IN VOBU#1	NUMBER OF PICTURES IN VOBU#2	---	NUMBER OF PICTURES IN VOBU#n	NUMBER OF PICTURES IN VOBU#1	---	NUMBER OF PICTURES IN VOBU#n
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CELL ID	TOTAL TIME DURATION	NUMBER OF CELL DATA SETS	CELL DATA DESCRIPTOR	CELL PHYSICAL SIZE	NUMBER OF CONSTITUENT VOBUS	TIME CODE TABLE	NUMBER OF ACQUIRED DEFECTS	ACQUIRED DEFECT ADDRESS
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<REMARKS> SET IS ALSO REFERRED TO AS EXTENT

CELL DATA GENERAL INFORMATION	TIME CODE TABLE	ACQUIRED DEFECT INFORMATION	CELL VIDEO INFORMATION	CELL AUDIO INFORMATION	CELL SUB-PICTURE INFORMATION
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CELL TIME INFORMATION CTI#m

CELL TIME GENERAL INFORMATION #m	CELL VOBU TABLE #m
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VOBU INFORMATION #1	VOBU INFORMATION #2	-----	VOBU INFORMATION #n
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VOBU GENERAL INFORMATION	DUMMY PACK INFORMATION	AUDIO SYNCHRONIZATION INFORMATION
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FIG. 8

CORRESPONDING INFORMATION	INFORMATION NAME	INFORMATION CONTENTS	NUMBER OF BYTES USED
VOBU GENERAL INFORMATION	I-PICTURE END POSITION	DIFFERENTIAL ADDRESS VALUE OF I-PICTURE END POSITION FROM VOBU START POSITION	1
DUMMY PACK INFORMATION	NUMBER OF DUMMY PACKS	NUMBER OF DUMMY PACKS IN VOBU	1
	DUMMY PACKS DISTRIBUTION	DUMMY PACK INSERTION DIFFERENTIAL ADDRESS FROM START OF VOBU, AND EACH NUMBER OF DUMMY PACKS (2 BYTES EACH)	2 x DUMMY PACK NUMBER
AUDIO SYNCHRONIZATION INFORMATION	AUDIO STREAM CHANNEL NUMBER	NUMBER OF CHANNELS OF AUDIO STREAM	1
	I-PICTURE AUDIO POSITION #1	DIFFERENTIAL ADDRESS VALUE OF SECTOR INCLUDING AUDIO PACK OF THE SAME TIME AS I-PICTURE START TIME FROM START OF VOBU (MSB = "0" : LOCATED BEFORE VOBU, MSB = "1" : LOCATED AFTER VOBU)	1
	I-PICTURE START AUDIO SAMPLE NUMBER #1	INDICATE SAMPLE NUMBER OF AUDIO SAMPLE POSITION OF THE SAME TIME AS I-PICTURE START TIME IN SECTOR AS COEFFICIENT OF SERIAL NUMBERS OF ALL AUDIO PACKS	2
	AUDIO SYNCHRONIZATION INFORMATION FLAG #1	PRESENCE/ABSENCE OF SYNCHRONIZATION INFORMATION BETWEEN AUDIO AND VIDEO STREAMS (NEXT ITEM IS NOT AVAILABLE IF ABSENT)	1
	AUDIO SYNCHRONIZATION DATA	THE NUMBER OF AUDIO SAMPLES INCLUDED IN VOBU	2
	I-PICTURE AUDIO POSITION #2	SAME CONTENTS AS #1	1
	I-PICTURE START AUDIO SAMPLE NUMBER #2		2
	AUDIO SYNCHRONIZATION FLAG #2		1
	AUDIO SYNCHRONIZATION DATA		2

FIG. 9

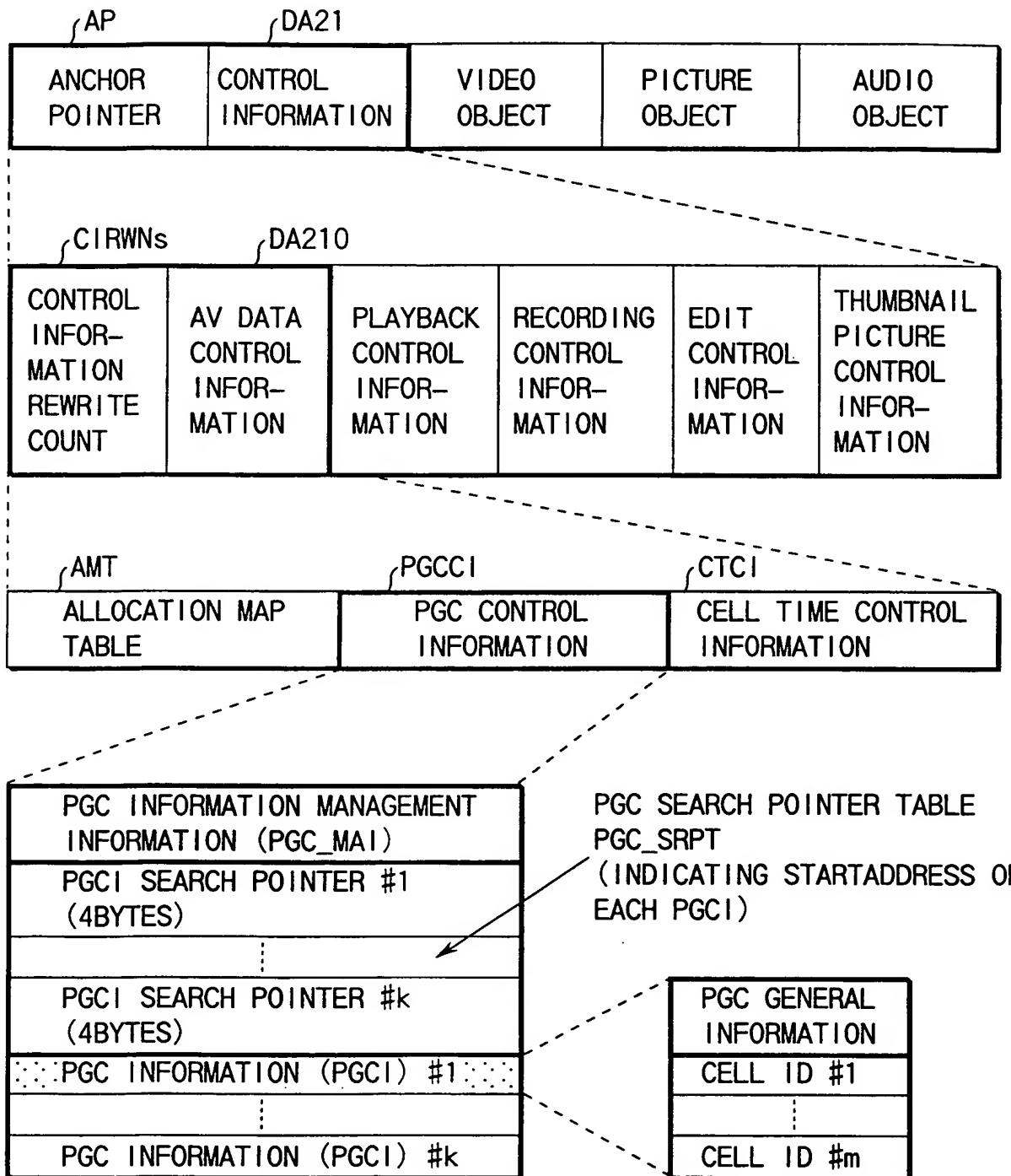


FIG. 10

POSITIONS OF SHIFT PRODUCED  
BETWEEN ECC BLOCK BOUNDARY  
AND VOBU BOUNDARY

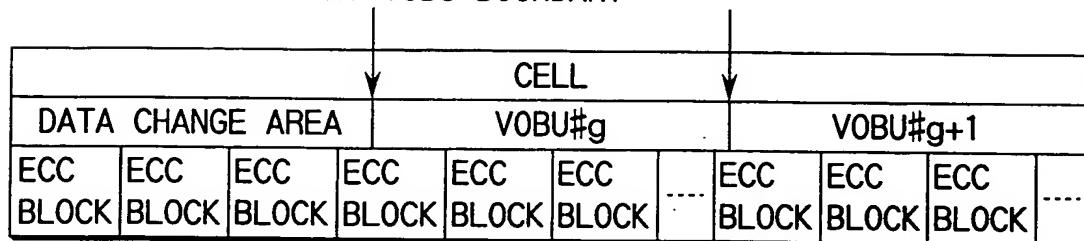


FIG. 11

SHIFT-REMOVED POSITIONS BETWEEN  
BOUNDARIES OF ECC AND VOBU

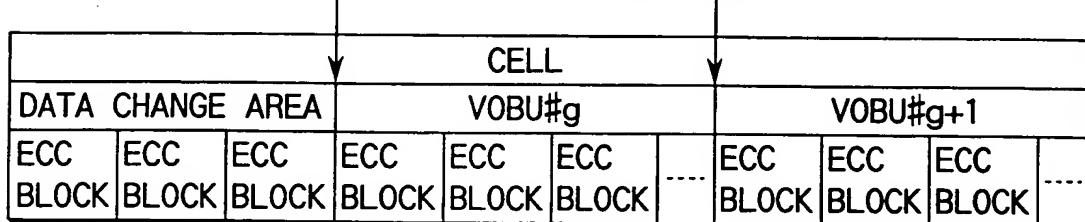


FIG. 12

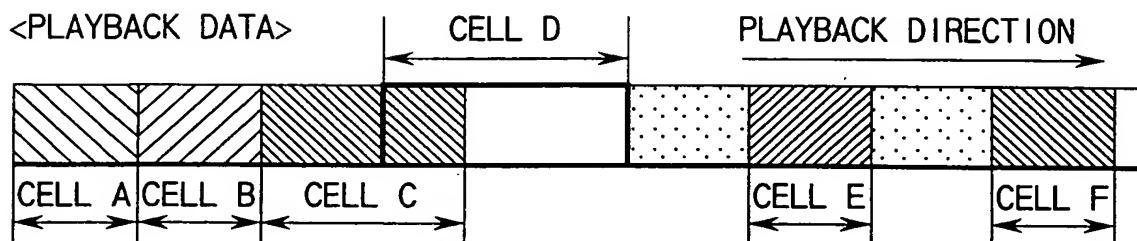


FIG. 13

PGC INFORMATION

PGC#1		PGC#2		PGC#3	
NUMBER OF CELLS = 3		NUMBER OF CELLS = 3		NUMBER OF CELLS = 5	
CELL#1	CELL A	CELL#1	CELL D	CELL#1	CELL E
CELL#2	CELL B	CELL#2	CELL E	CELL#2	CELL A
CELL#3	CELL C	CELL#3	CELL F	CELL#3	CELL D
_____	_____	_____	_____	CELL#4	CELL B
_____	_____	_____	_____	CELL#5	CELL E

FIG. 14

INFORMATION ON STORAGE MEDIUM  
(DVD-RAM OR THE LIKE) 10

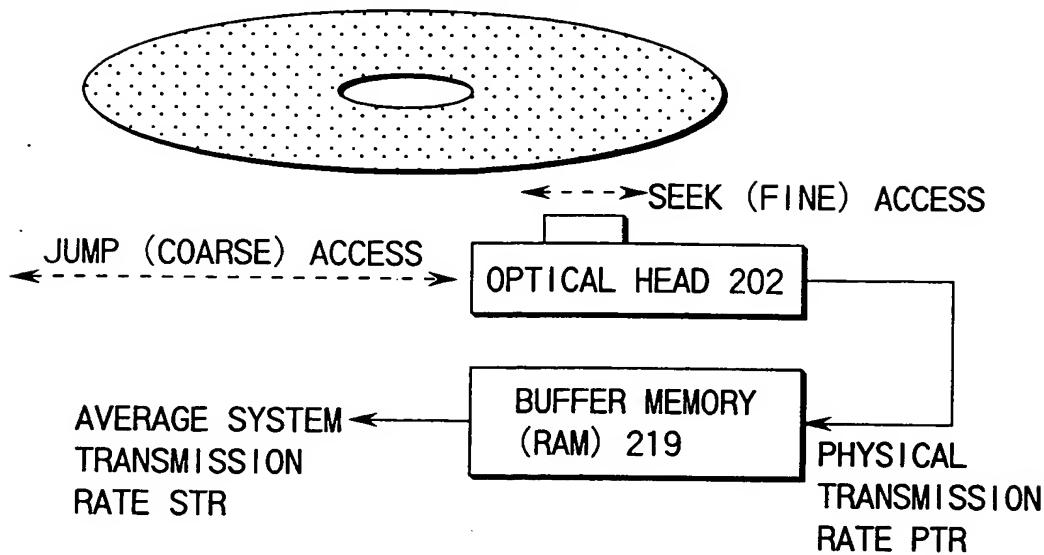


FIG. 15

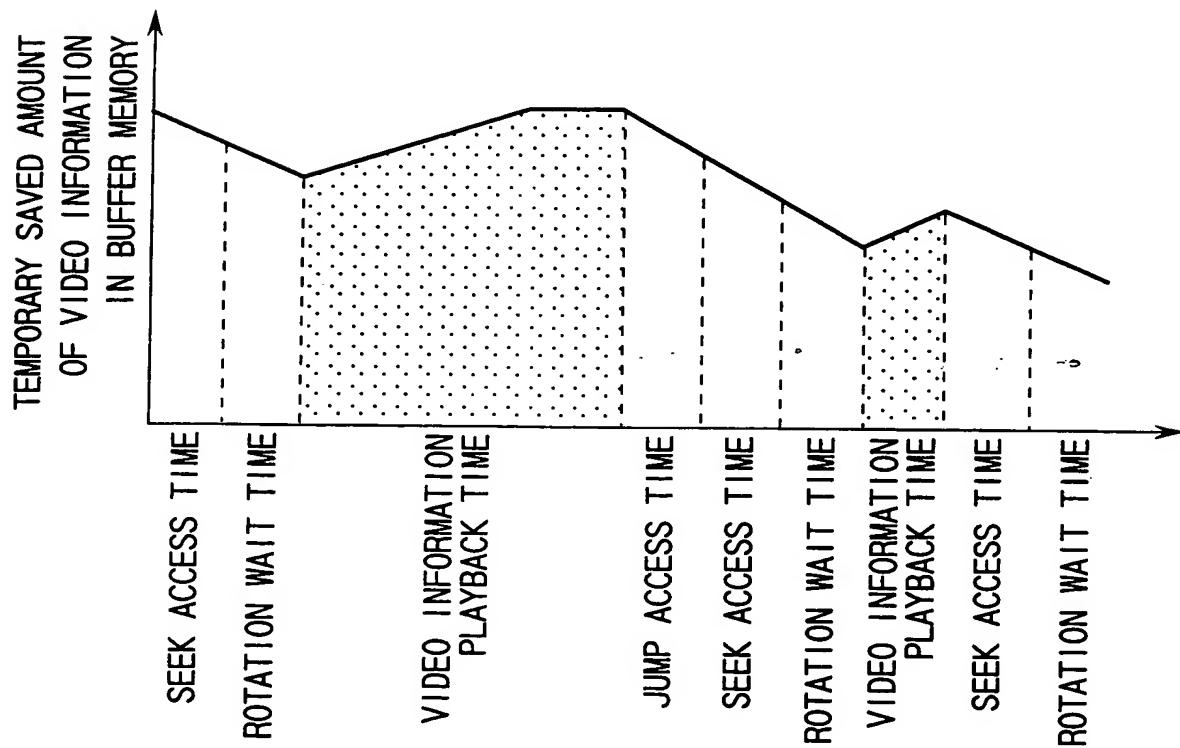


FIG. 16

FIG. 17

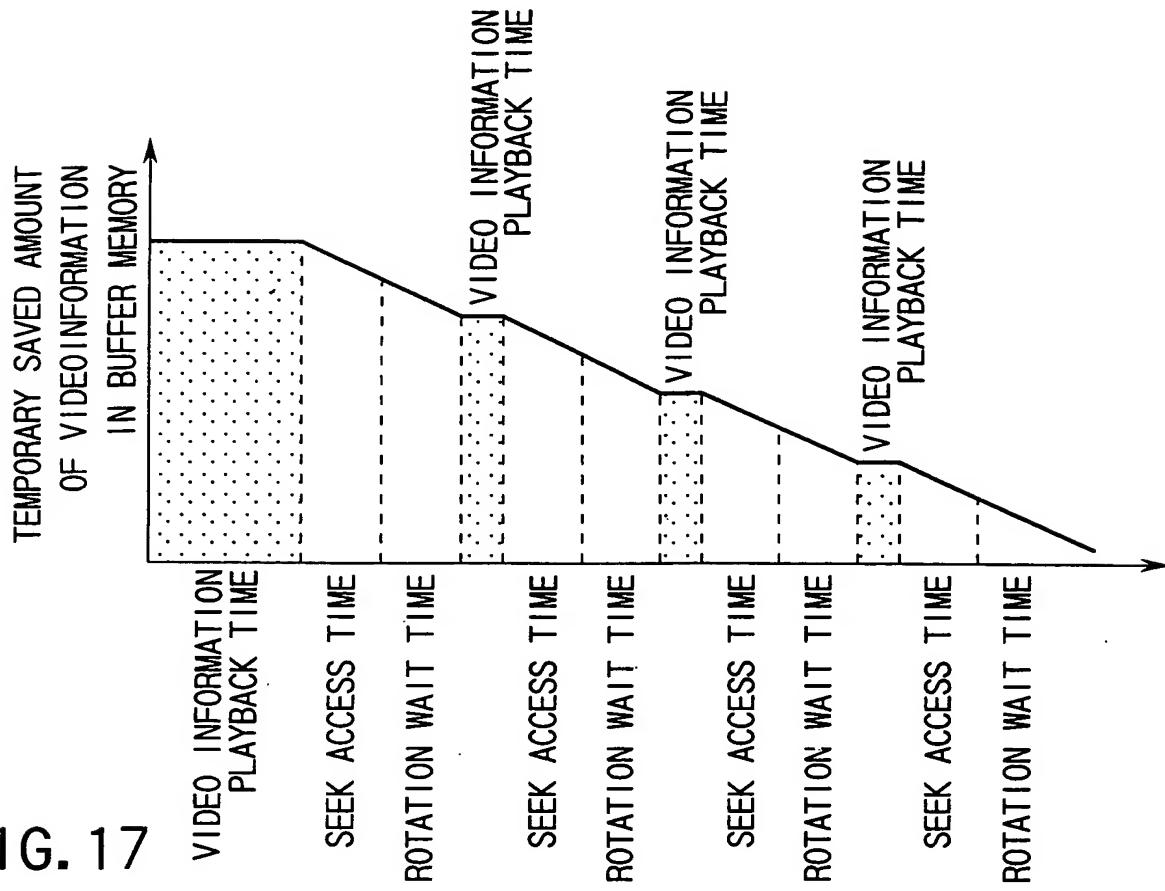
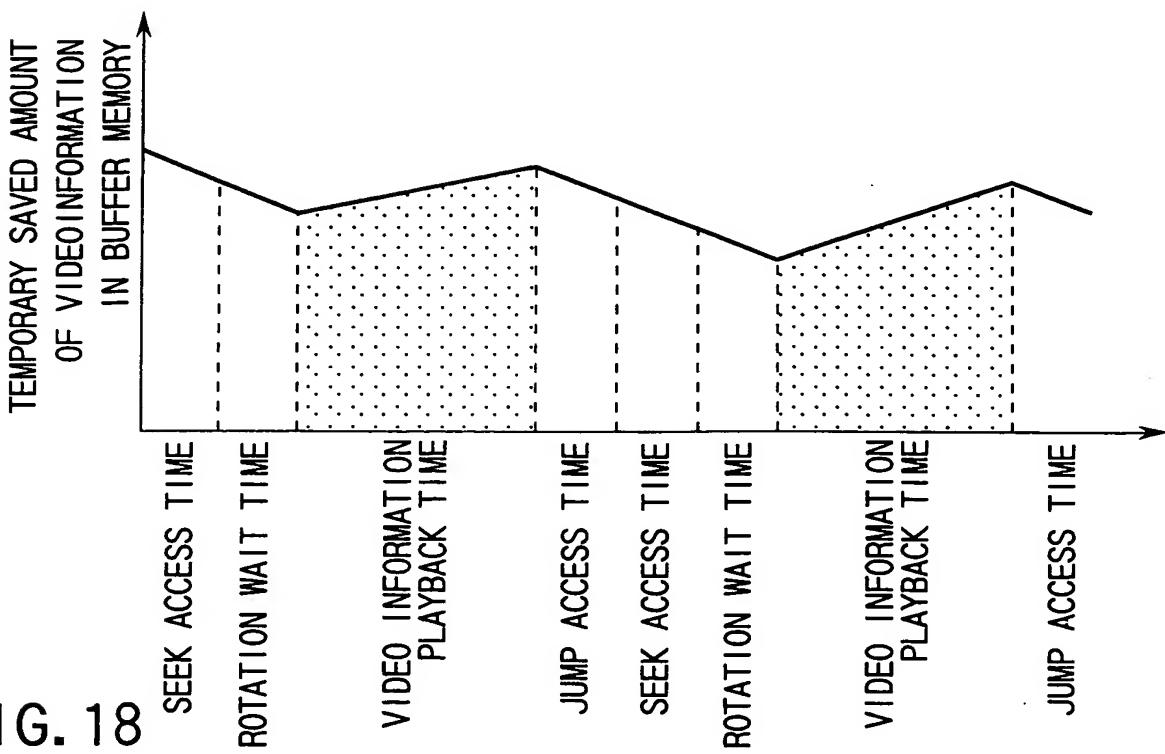


FIG. 18



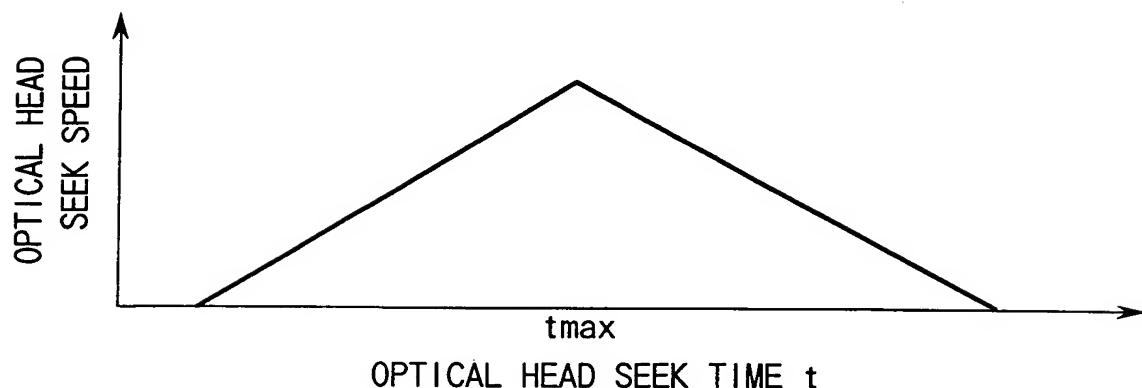


FIG. 19

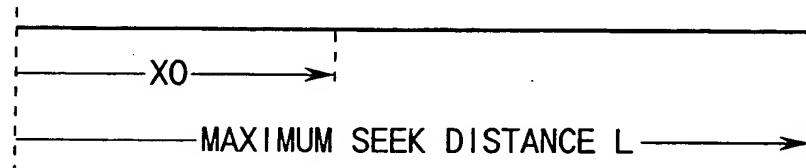


FIG. 20

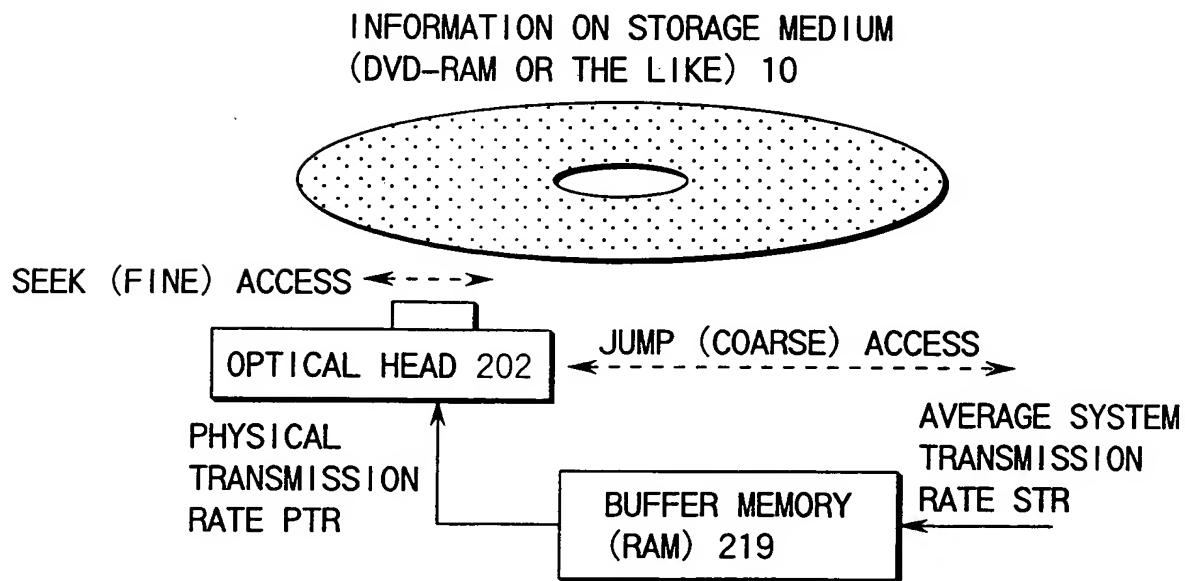


FIG. 21

FREE AREA 107	CELL #1			CELL #2				CELL #3		
	VOBU 108a	VOBU 108b	VOBU 108c	VOBU 108d	VOBU 108e	VOBU 108f	VOBU 108g	VOBU 108h	VOBU 108i	VOBU 108j

FIG. 22

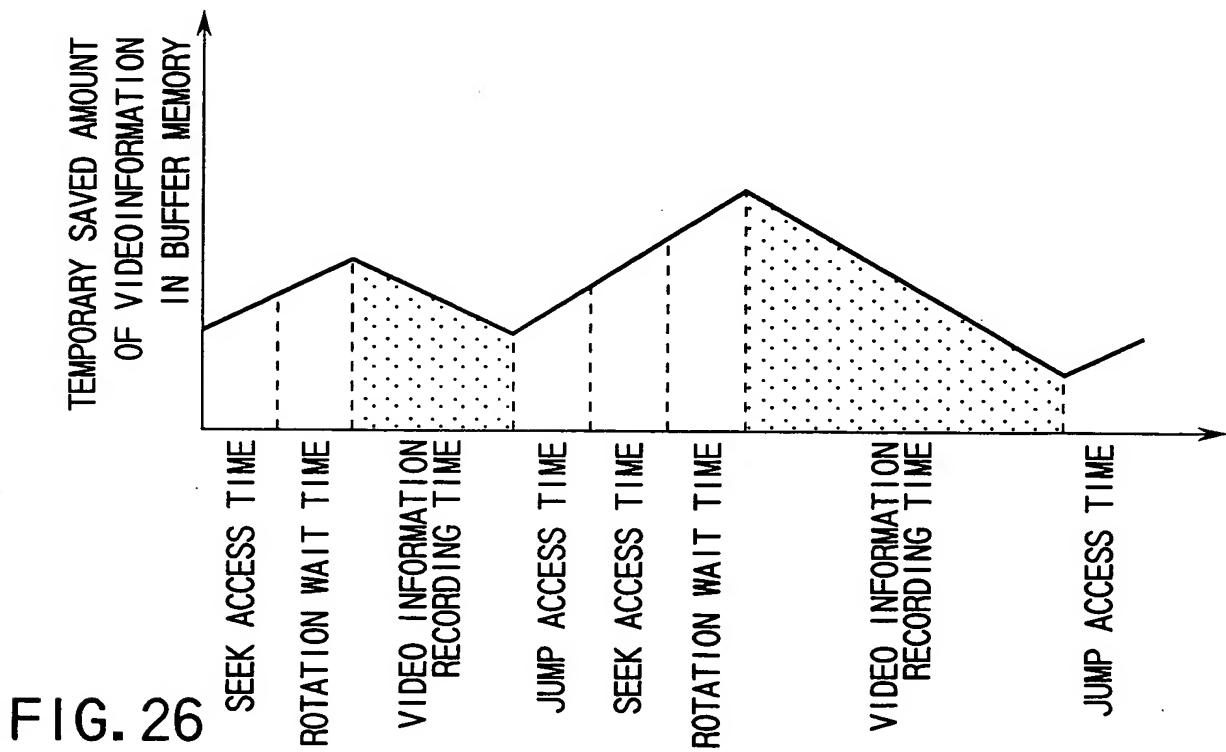
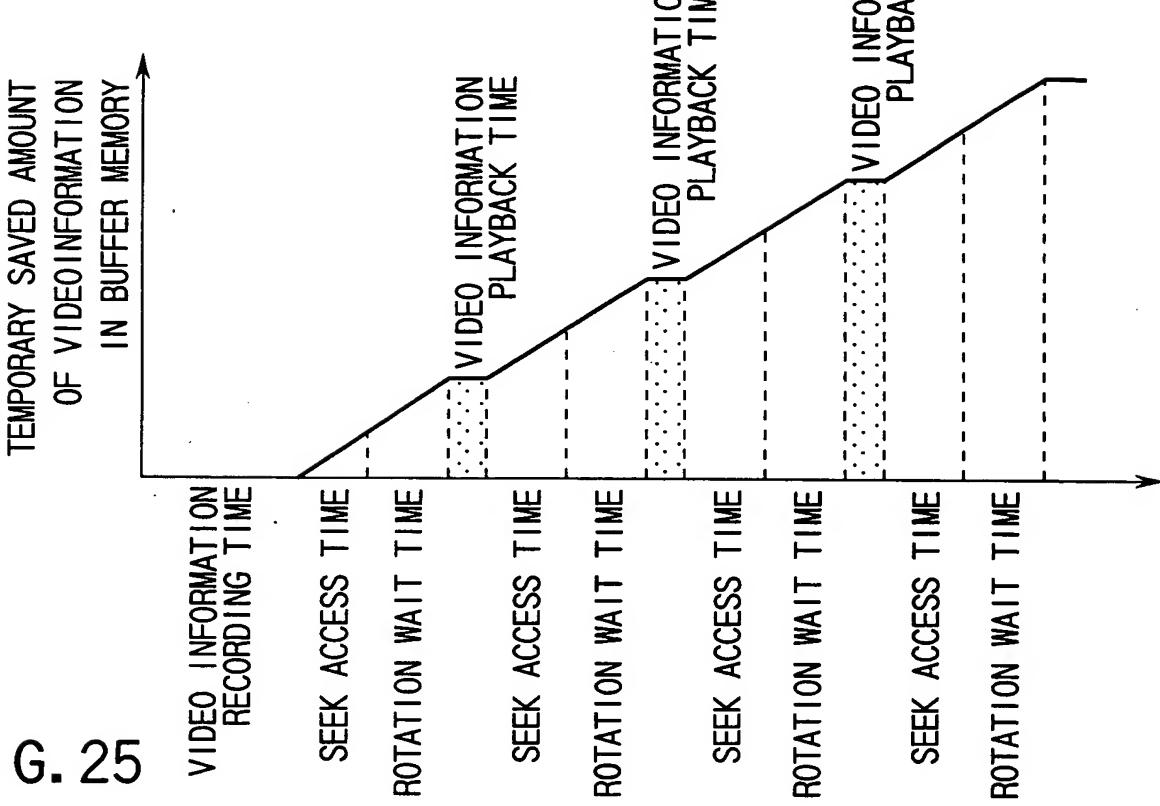
FREE AREA 107	CELL #1			CELL #2A	CELL #2B			CELL #3		
	VOBU 108a	VOBU 108b	VOBU 108c	VOBU 108d	VOBU 108e	VOBU 108f	VOBU 108g	VOBU 108h	VOBU 108i	VOBU 108j

FIG. 23

CELL #2A	CELL #1				CELL #2B			CELL #3			
VOBU 108d*	VOBU 108p	VOBU 108a	VOBU 108b	VOBU 108c*		VOBU 108q	VOBU 108f	VOBU 108g	VOBU 108h	VOBU 108i	VOBU 108j

FREE AREA 106

FIG. 24



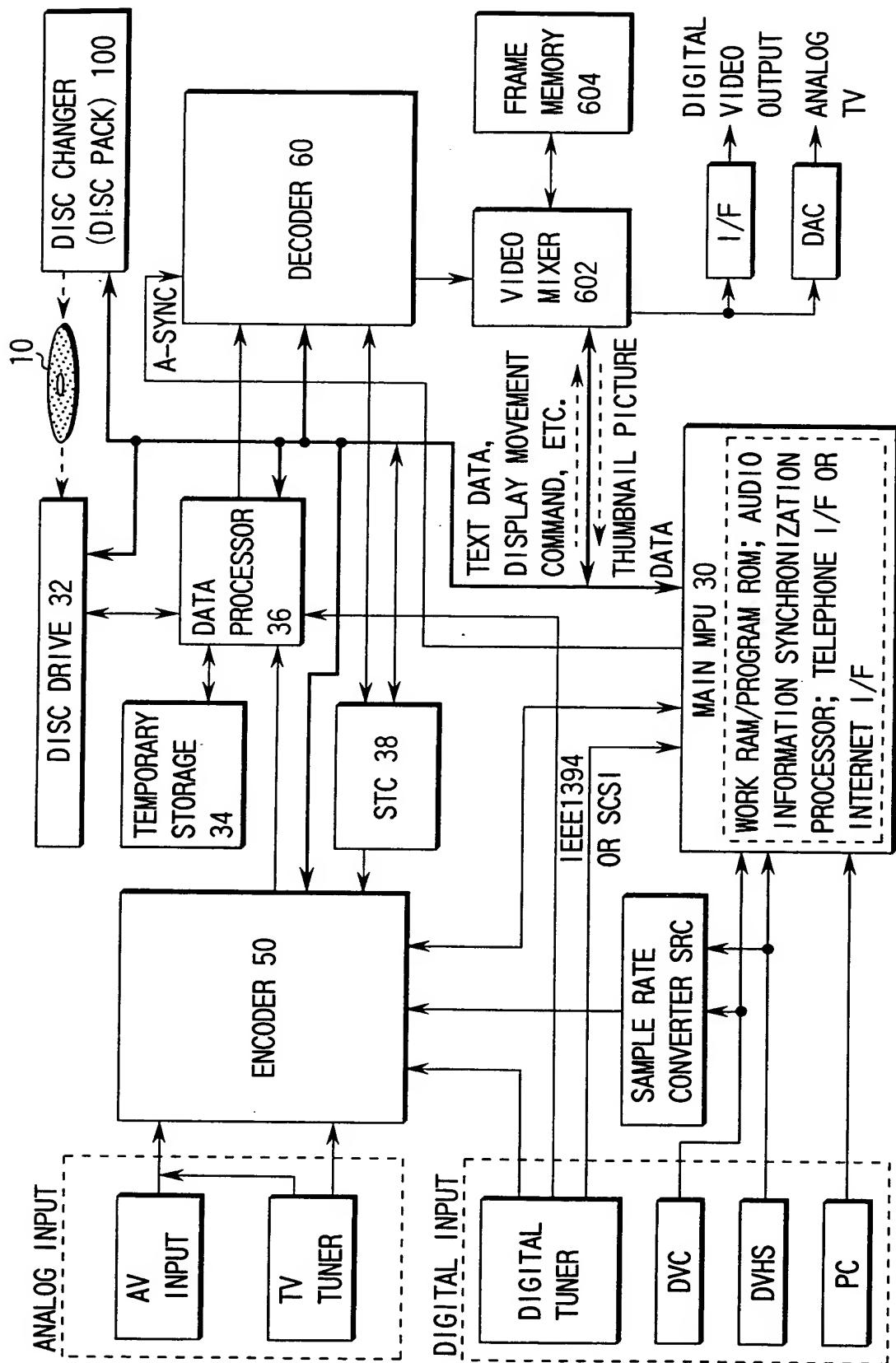


FIG. 27

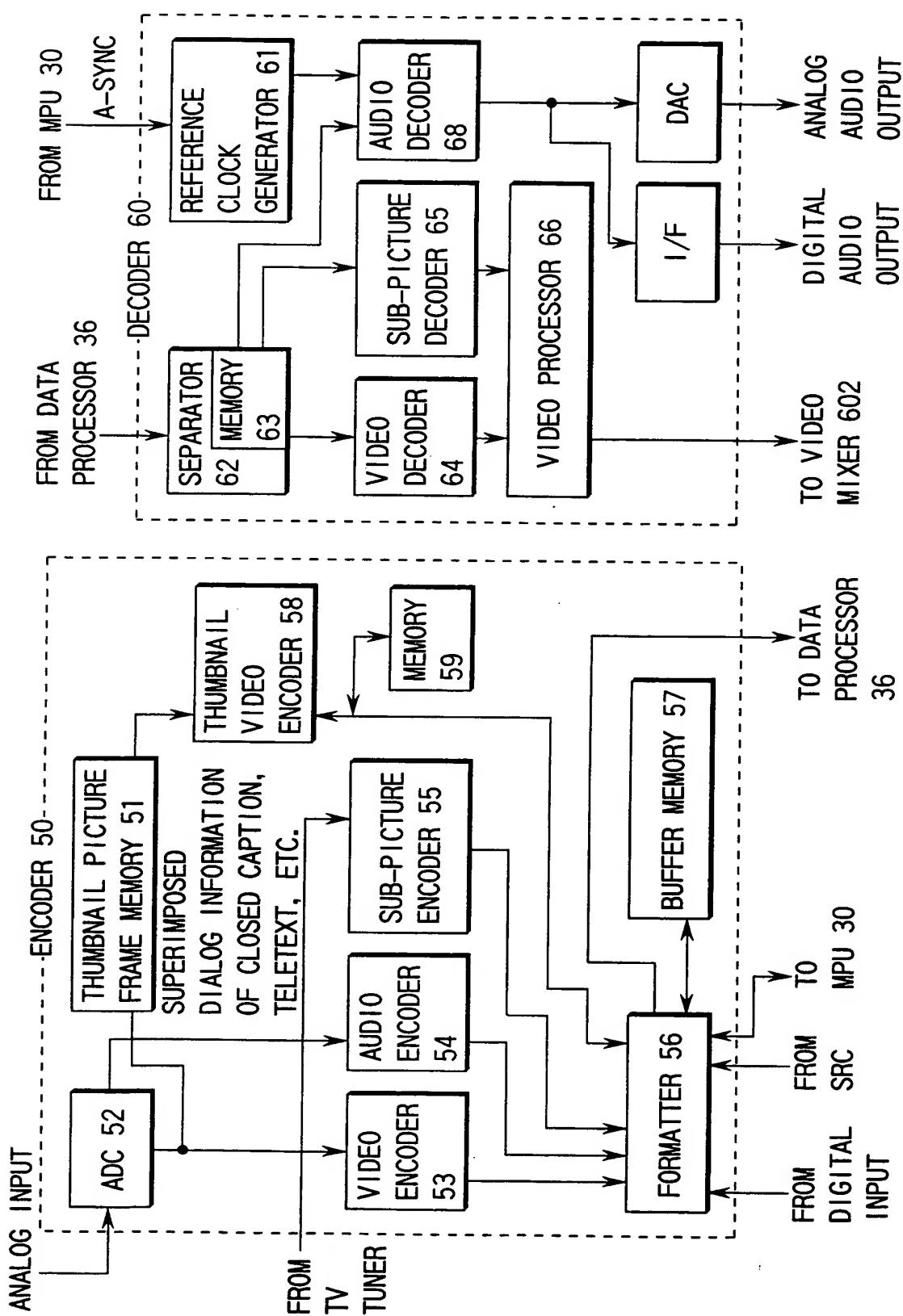


FIG. 28

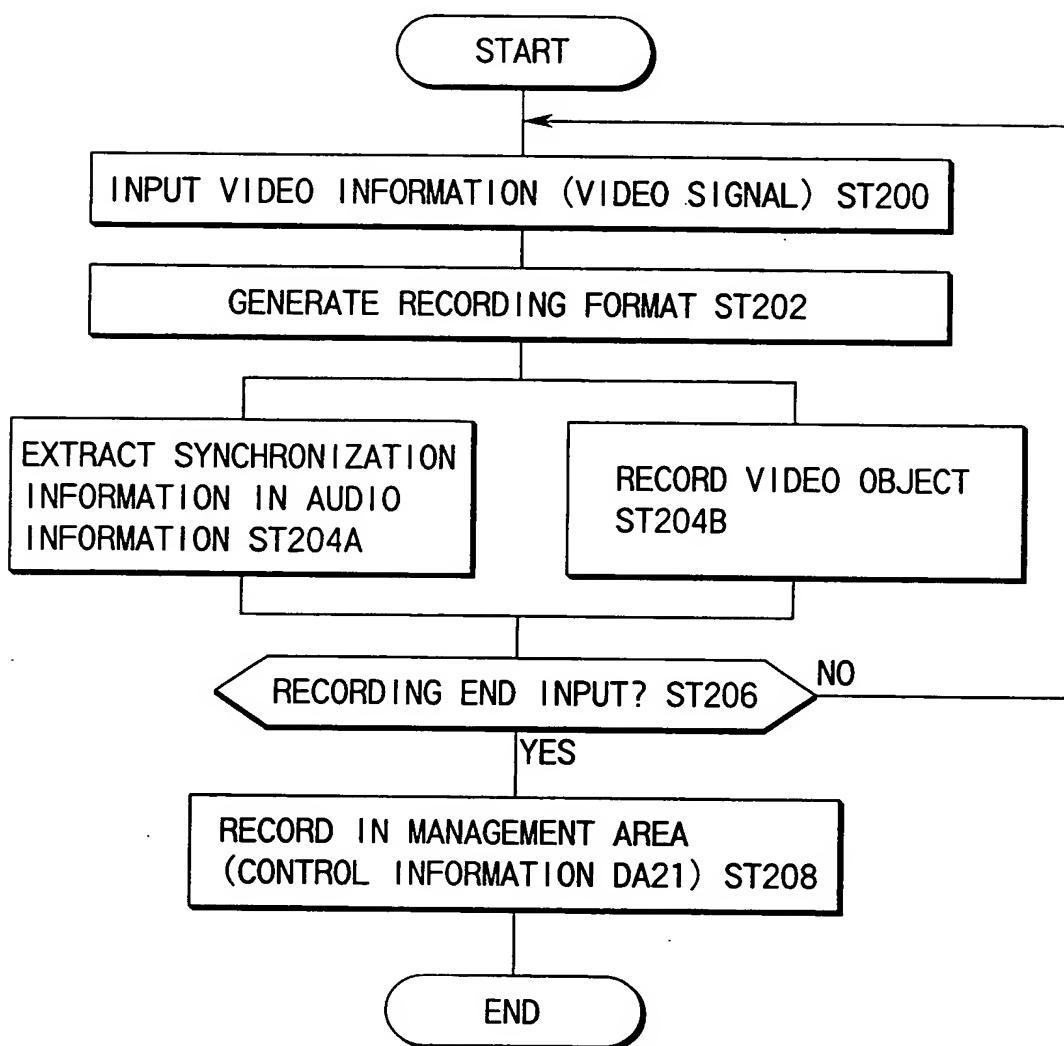


FIG. 29

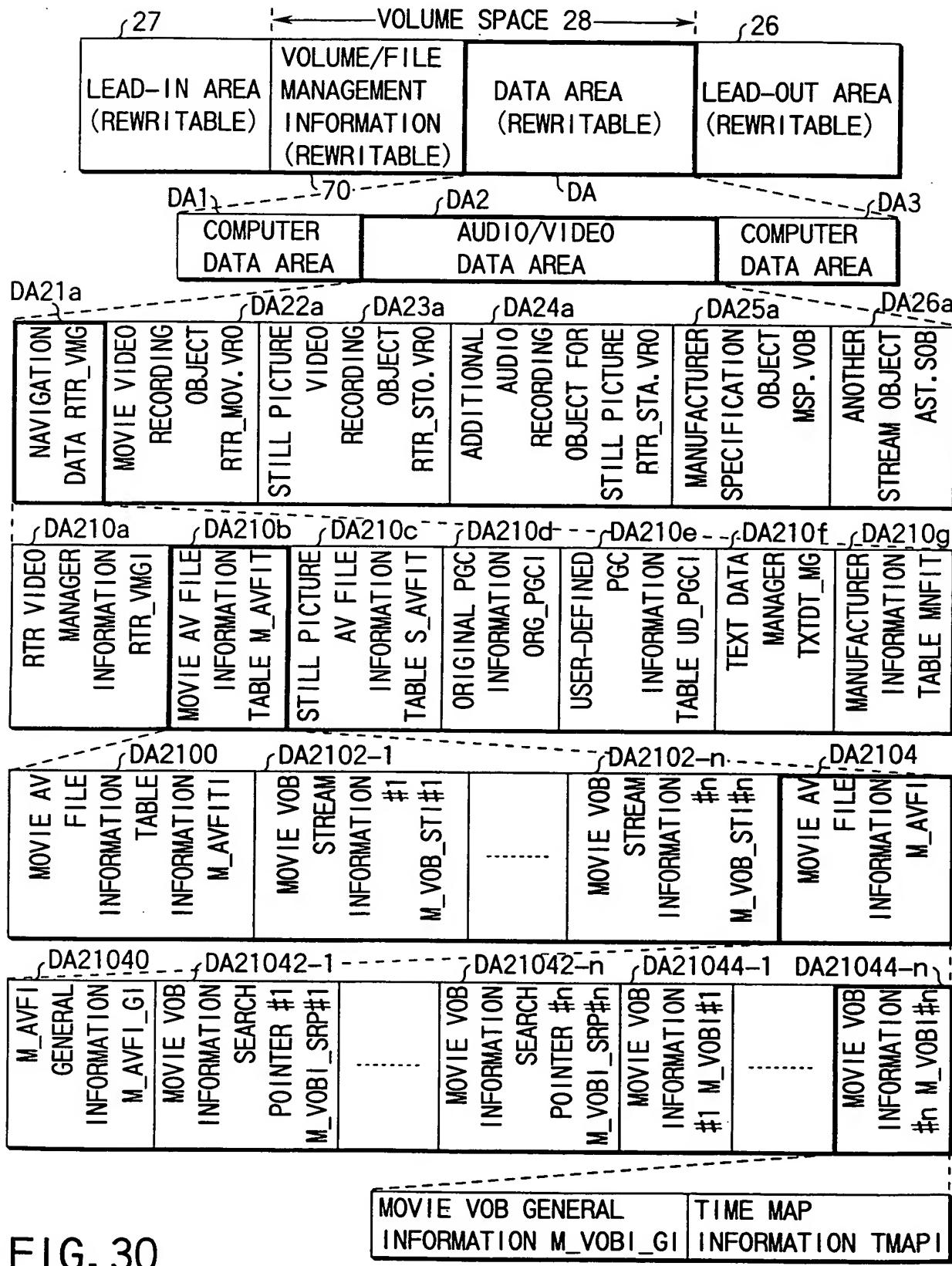


FIG. 30

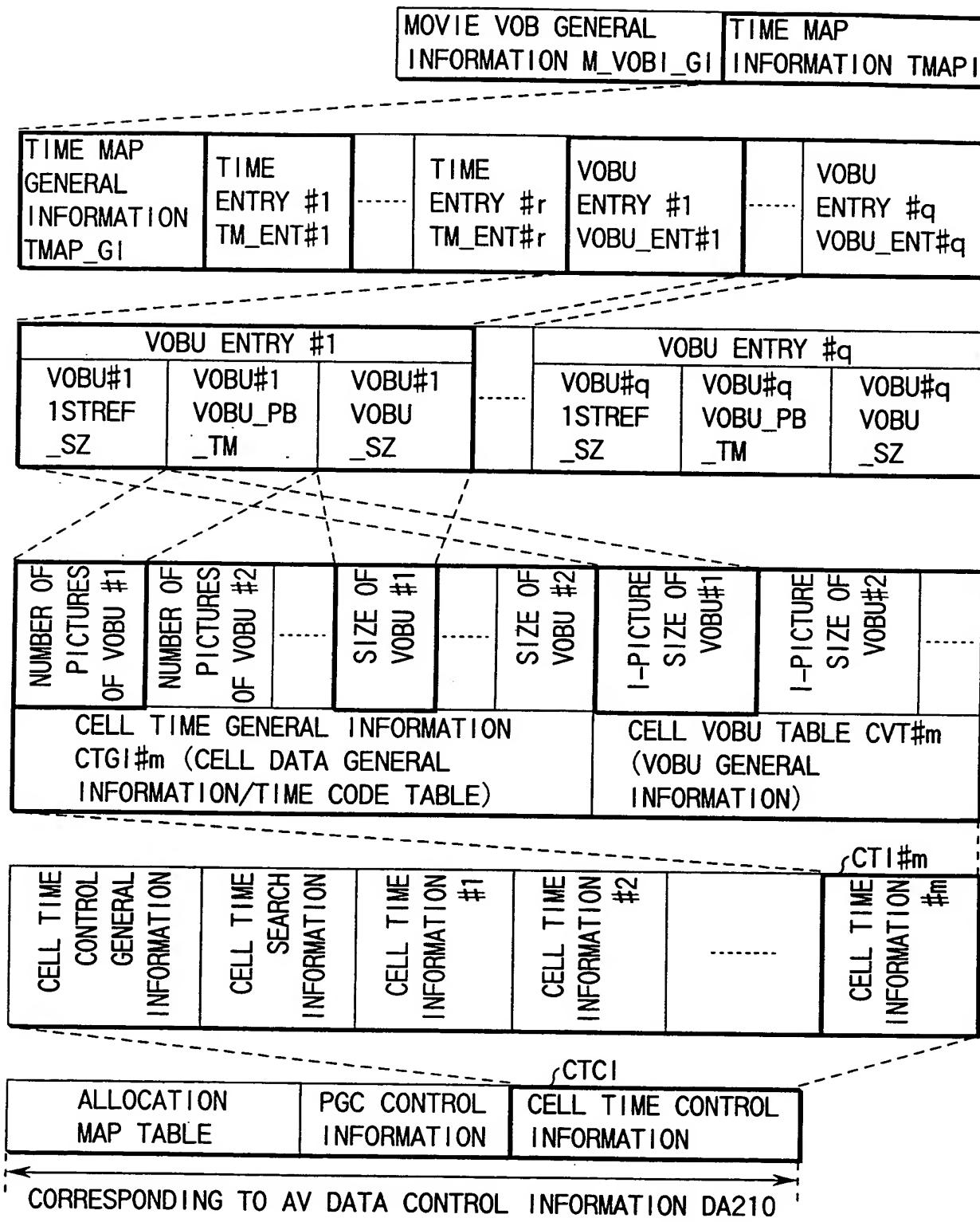


FIG. 31

TIME MAP GENERAL INFORMATION TMAP\_GI

RELATIVE BYTE POSITION	FIELD NAME	CONTENTS	NUMBER OF BYTES
0-1	TM_FNT_Ns	NUMBER OF TIME ENTRIES	2
2-3	VOBU_ENT_Ns	NUMBER OF VOBU ENTRIES	2
4-5	TM_OFS	TIME OFFSET	2
6-9	ADR_OFS	ADDRESS OFFSET	4

FIG. 32

TIME ENTRY TM\_ENT

RELATIVE BYTE POSITION	FIELD NAME	CONTENTS	NUMBER OF BYTES
0-1	VOBU_ENTN	VOBU ENTRY NUMBER	2
2	TM_DIFF	TIME DIFFERENCE	1
3-6	VOBU_ADR	TARGET VOBU ADDRESS	4

FIG. 33

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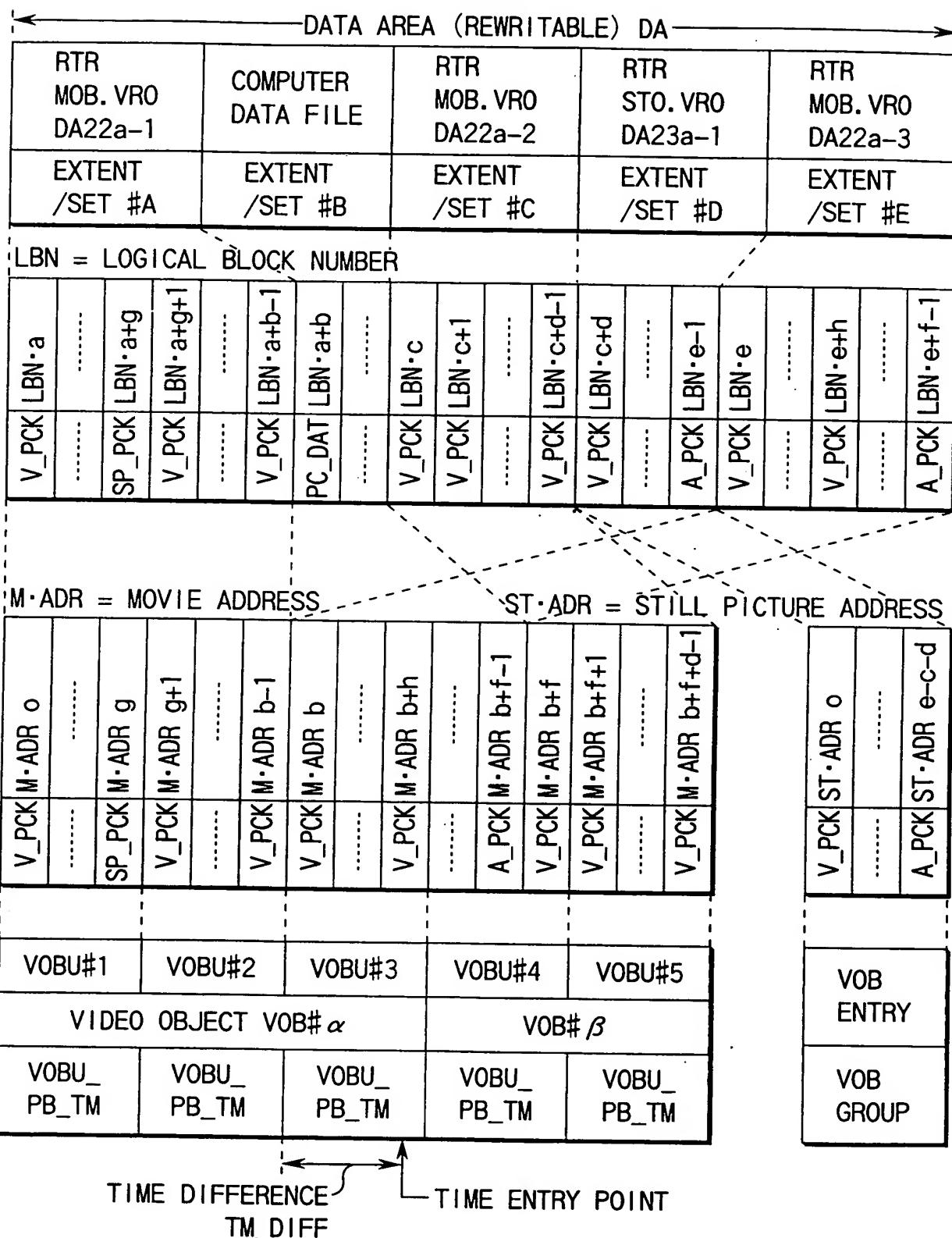


FIG. 34

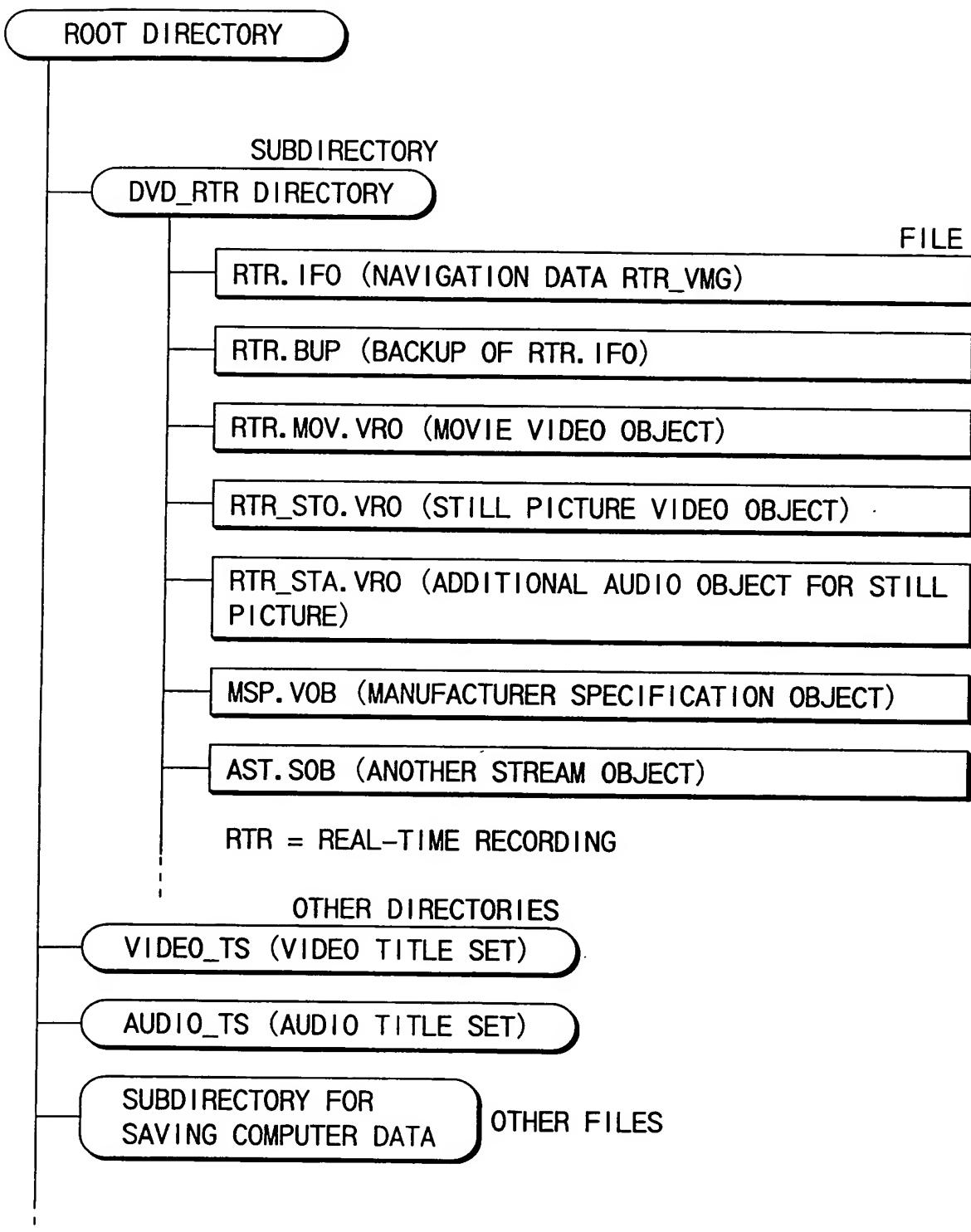
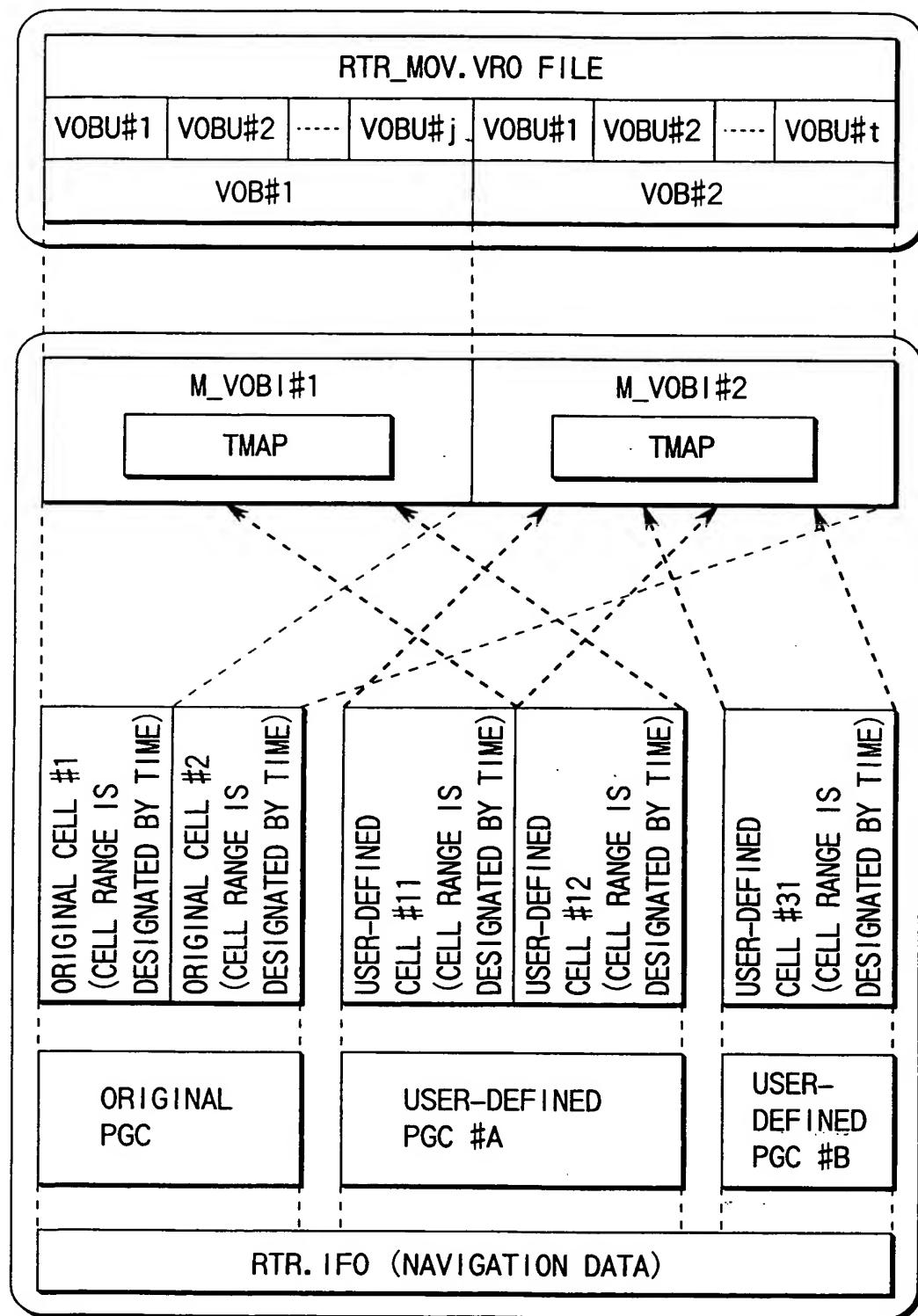


FIG. 35



**FIG. 36**

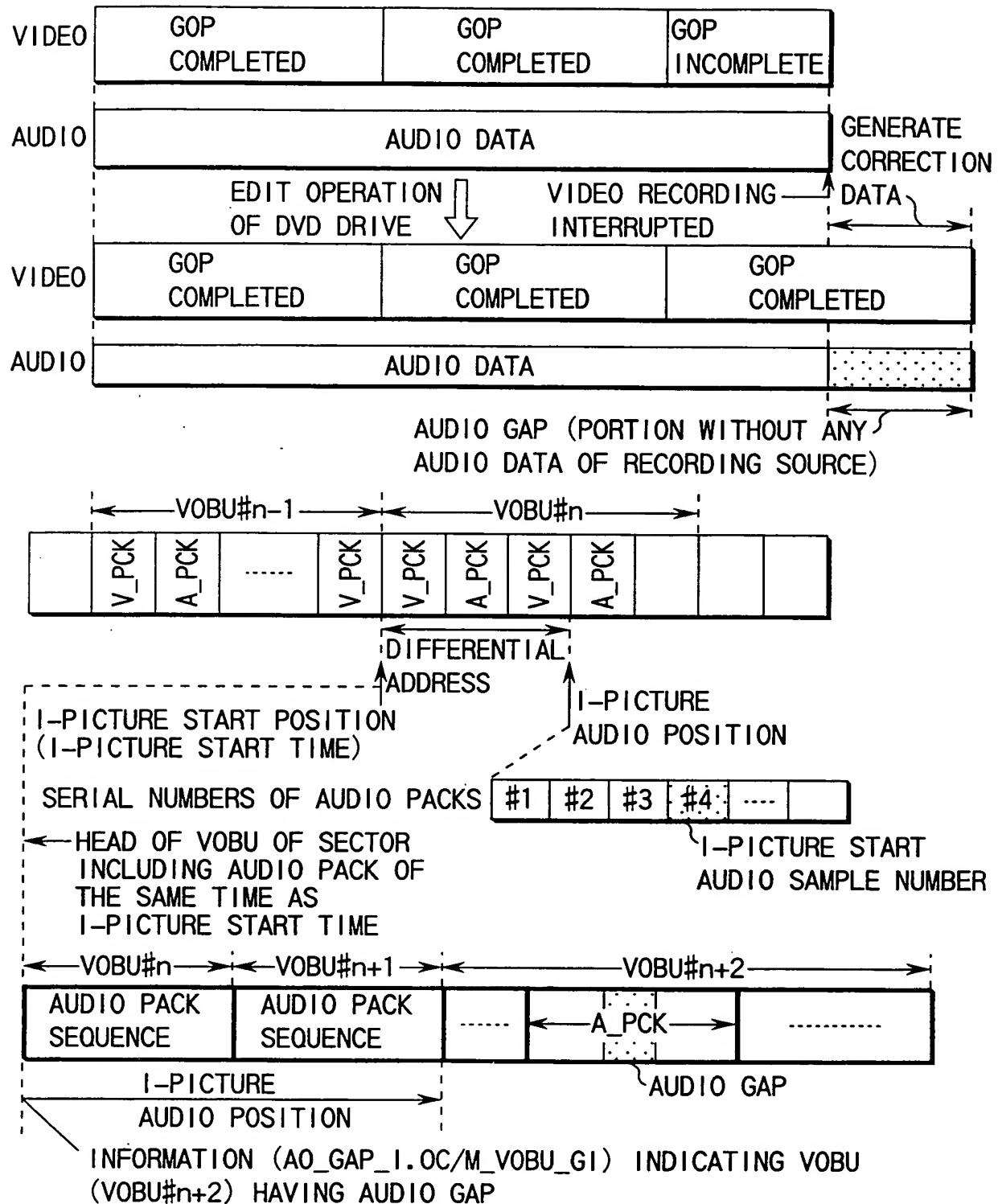


FIG. 37